

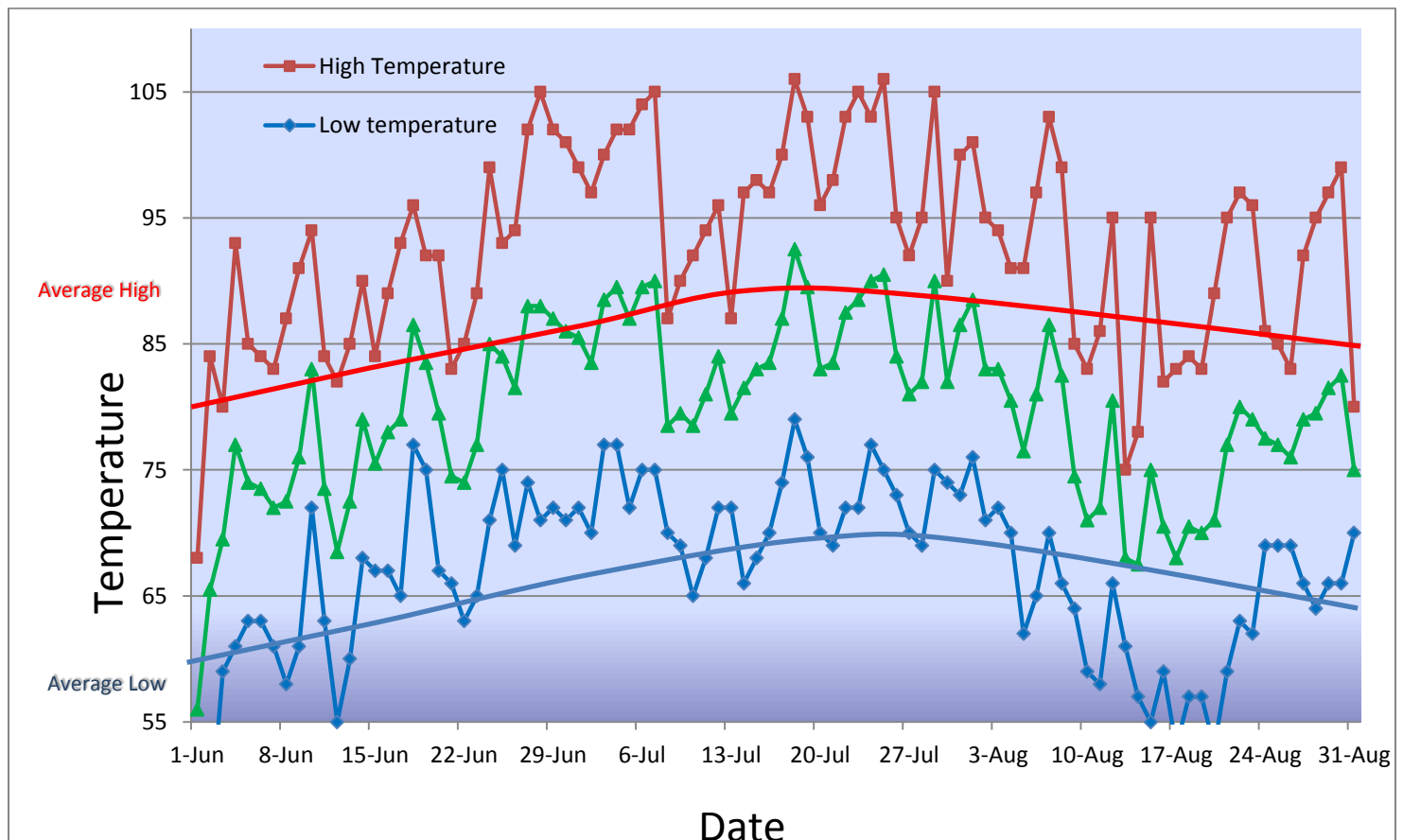
Summer 2012 at Kansas City was characterized by above average high temperatures, near average low temperatures and very dry conditions with well below normal precipitation.

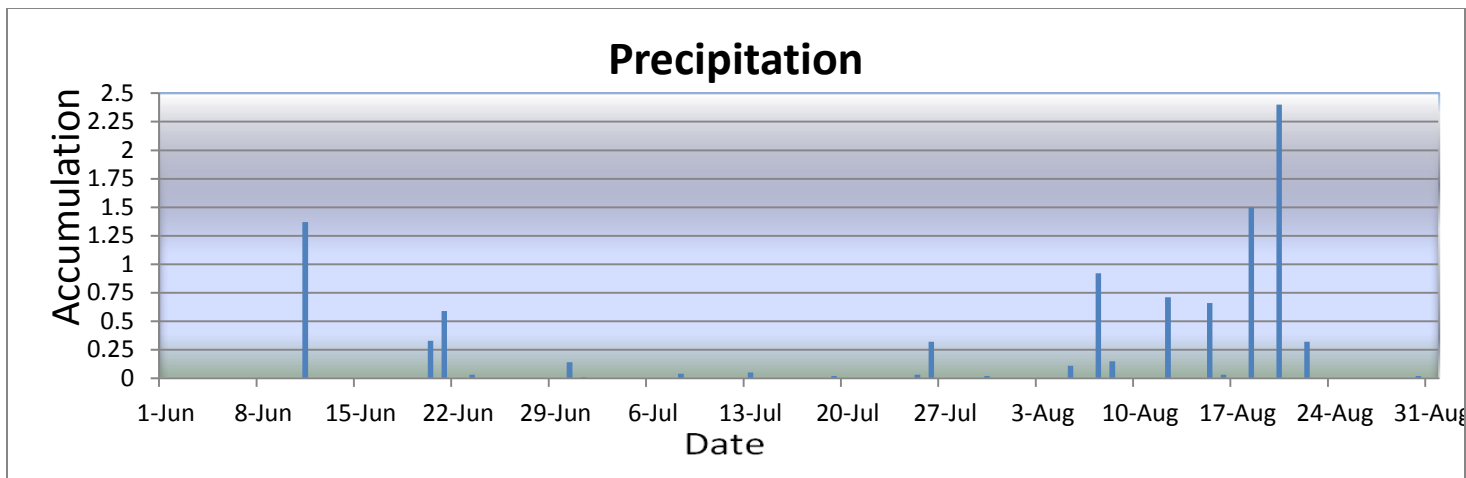
The average temperature at the Kansas City International airport for the summer 2012 (June-August) season was 79.8 degrees. This was 3.4 degrees above the 30 year (1981-2010 averages) average for the summer season. Based on the long term historical 124-year record from various Kansas City observation points, the summer of 2012 was the 13th warmest on record. The average high temperature for the season was 92.6 which was 6.2 degrees above normal. This was the 5th warmest summer for high temperatures over the historical 124-year record (see graph below).

The average low temperature was 66.9 degrees, this was 0.6 degrees above normal. The highest temperature of the season was 106 degrees on 7/18 and 7/25. The lowest temperature of the season was 44 degrees recorded on 6/1.

The total precipitation at the Kansas City International airport for the summer 2012 season (June-August) was 4.98 inches. This was 8.59 inches below the 30 year average (1981-2010 averages). This ranks the summer of 2012 as the 6th driest summer season over the 124-year record in Kansas City (see graph below).

Top 6 Lowest Summer Precipitation Values	Top 5 Maximum Temperature Averages
1 1.12 8/31/1936 2 2.99 8/31/1953 3 4.08 8/31/1911 4 4.68 8/31/2002 5 4.88 8/31/1988 6 4.98 8/31/2012	Rank Value Ending Date 1 97.6 8/31/1936 2 97.2 8/31/1934 3 92.9 8/31/1954, 8/31/1901 5 92.7 8/31/2012





...THE KANSAS CITY INTERNATIONAL CLIMATE SUMMARY FOR THE SEASON, FROM 6/1/2012 TO 8/31/2012...

CLIMATE NORMAL PERIOD 1981 TO 2010

CLIMATE RECORD PERIOD 1888 TO 2012

WEATHER	OBSERVED VALUE	DATE (S)	NORMAL VALUE	DEPART FROM NORMAL	LAST YEAR`S VALUE	DATE (S)
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TEMPERATURE (F)

RECORD

HIGH	113	08/14/1936				
LOW	42	06/04/1990				
HIGHEST	106	07/25	99	7	107	08/02
		07/18				
LOWEST	44	06/01	50	-6	56	06/01
AVG. MAXIMUM	92.6		86.4	6.2	89.1	
AVG. MINIMUM	66.9		66.3	0.6	69.1	
MEAN	79.8		76.4	3.4	79.1	
DAYS MAX >= 90	61		26.6	34.4	43	
DAYS MAX <= 32	0		0.0	0.0	0	
DAYS MIN <= 32	0		0.0	0.0	0	
DAYS MIN <= 0	0		0.0	0.0	0	

PRECIPITATION (INCHES)

RECORD

MAXIMUM	29.56	1969			
MINIMUM	1.12	1936			
TOTALS	4.98		13.57	-8.59	13.93
DAILY AVG.	0.06		0.15	-0.09	0.15
DAYS >= .01	19		28.1	-9.1	27
DAYS >= .10	10		18.9	-8.9	17
DAYS >= .50	3		8.8	-5.8	10
DAYS >= 1.00	1		4.1	-3.1	6
GREATEST					
24 HR. TOTAL	1.37	MM			

DEGREE_DAYS				
HEATING TOTAL	9	11	-2	0
COOLING TOTAL	1395	1057	338	1318
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WIND (MPH)				
AVERAGE WIND SPEED	9.2			
HIGHEST WIND SPEED/DIRECTION	49/310	DATE	08/08	
HIGHEST GUST SPEED/DIRECTION	63/320	DATE	08/08	

SKY COVER	
POSSIBLE SUNSHINE (PERCENT)	MM
AVERAGE SKY COVER	0.30
NUMBER OF DAYS FAIR	49
NUMBER OF DAYS PC	40
NUMBER OF DAYS CLOUDY	3

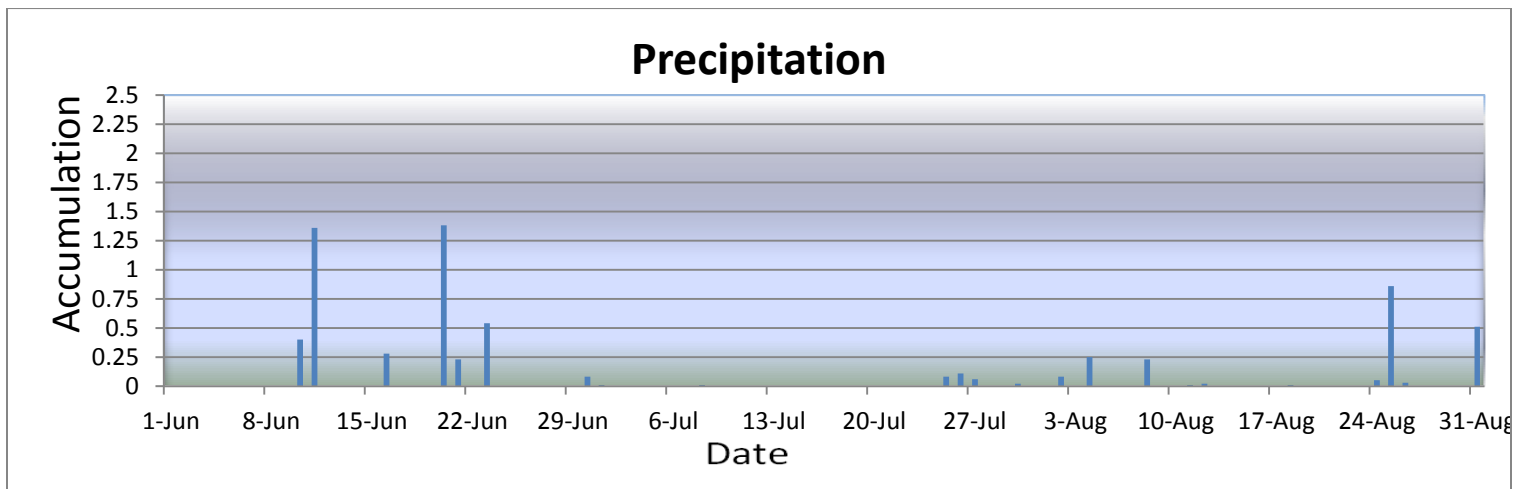
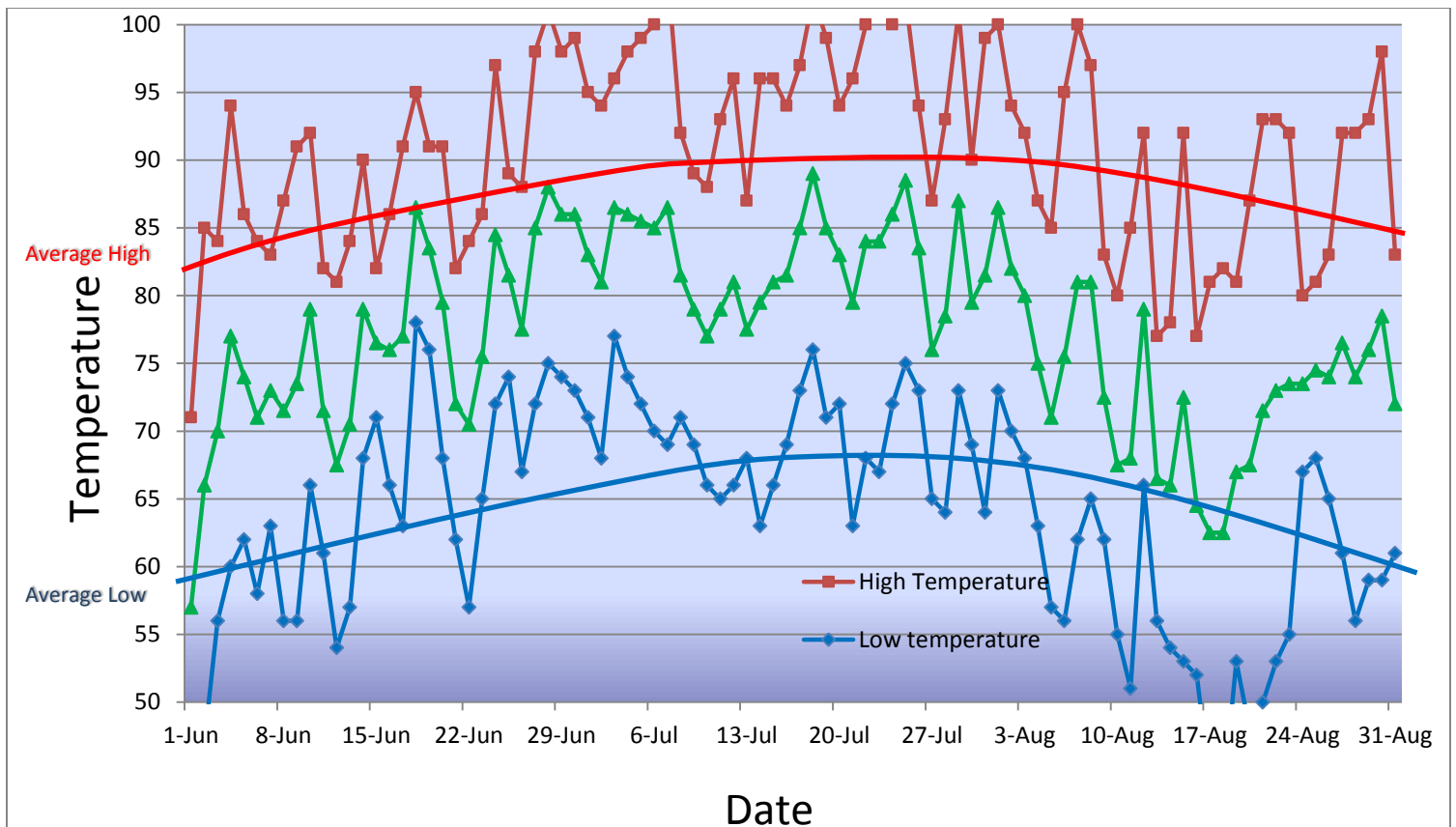
AVERAGE RH (PERCENT)	55
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WEATHER CONDITIONS. NUMBER OF DAYS WITH			
THUNDERSTORM	0	MIXED PRECIP	0
HEAVY RAIN	9	RAIN	9
LIGHT RAIN	26	FREEZING RAIN	0
LT FREEZING RAIN	0	HAIL	0
HEAVY SNOW	0	SNOW	0
LIGHT SNOW	0	SLEET	0
FOG	17	FOG W/VIS <= 1/4 MILE	1
HAZE	32		

Summer 2012 at St. Joseph was characterized by above average high temperatures, slightly below average low temperatures, and well below normal precipitation.

The average temperature at St. Joseph Rosecrans Memorial airport for the summer 2012 season (June-August) was 77.3 degrees. This was 2.0 degrees above the 30 year average (1981-2010 averages). Based on the 111-year record from various St. Joseph observation points the summer of 2012 was the 31st warmest on record. The average high temperature was 90.7 degrees which is 4.9 degrees above the normal. The average low temperature was 63.8, which is 1.1 degrees below normal. The highest temperature of the season was 104 degrees on 7/7. The lowest temperature of the season was 43 degrees recorded on 6/1 and 8/18.

The total precipitation at St. Joseph Rosecrans Memorial airport for the summer 2012 season (June-August) was 6.53 inches. This is 6.82 inches below the 30-year average (1981-2010 averages). This ranks the summer of 2012 as the 15th driest summer season in the longer term 111-year record in St. Joseph.



...THE ST. JOSEPH MO CLIMATE SUMMARY FOR THE SEASON, FROM
6/1/2012 TO 8/31/2012...

CLIMATE NORMAL PERIOD 1981 TO 2010
CLIMATE RECORD PERIOD 1892 TO 2012

WEATHER	OBSERVED VALUE	DATE(S)	NORMAL VALUE	DEPART FROM NORMAL	LAST YEAR`S VALUE	DATE(S)
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TEMPERATURE (F)

RECORD

HIGH	110	08/13/1936 08/10/1934
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LOW	41	08/28/1986				
		06/01/1982				
		07/05/1972				
HIGHEST	104	07/07	98	6	MM	MM
LOWEST	43	08/18	50	-7	MM	MM
		06/01				
AVG. MAXIMUM	90.7		85.8	4.9	MM	
AVG. MINIMUM	63.8		64.9	-1.1	MM	
MEAN	77.3		75.3	2.0	MM	
DAYS MAX >= 90	55		31.2	23.8	MM	
DAYS MAX <= 32	0		0.0	0.0	MM	
DAYS MIN <= 32	0		0.0	0.0	MM	
DAYS MIN <= 0	0		0.0	0.0	MM	

PRECIPITATION (INCHES)
RECORD

MAXIMUM	28.88	1951			
MINIMUM	3.94	1901			
TOTALS	6.53		13.35	-6.82	MM
DAILY AVG.	0.07		0.15	-0.08	MM
DAYS >= .01	22		26.4	-4.4	MM
DAYS >= .10	11		16.4	-5.4	MM
DAYS >= .50	5		8.2	-3.2	MM
DAYS >= 1.00	2		3.9	-1.9	MM
GREATEST					
24 HR. TOTAL	1.76	MM			

DEGREE DAYS

HEATING TOTAL	12	13	-1	MM
COOLING TOTAL	1165	965	200	MM

WIND (MPH)

AVERAGE WIND SPEED	6.4		
HIGHEST WIND SPEED/DIRECTION	47/320	DATE	08/08
HIGHEST GUST SPEED/DIRECTION	66/150	DATE	08/08

SKY COVER

POSSIBLE SUNSHINE (PERCENT)	MM
AVERAGE SKY COVER	0.10
NUMBER OF DAYS FAIR	86
NUMBER OF DAYS PC	5
NUMBER OF DAYS CLOUDY	1

AVERAGE RH (PERCENT) 62

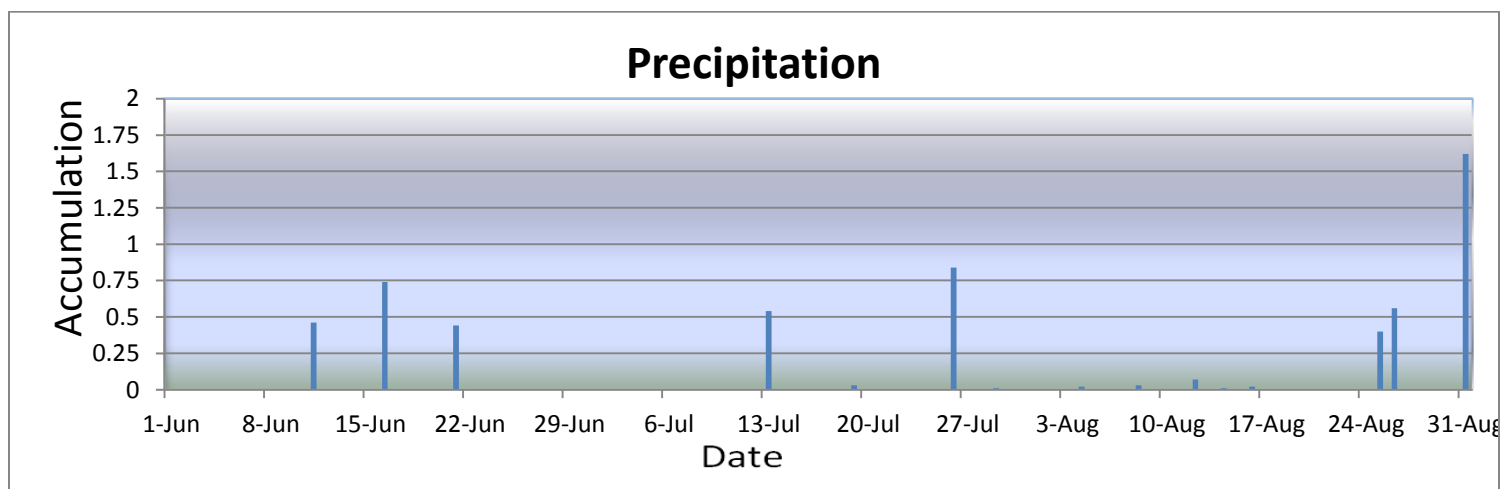
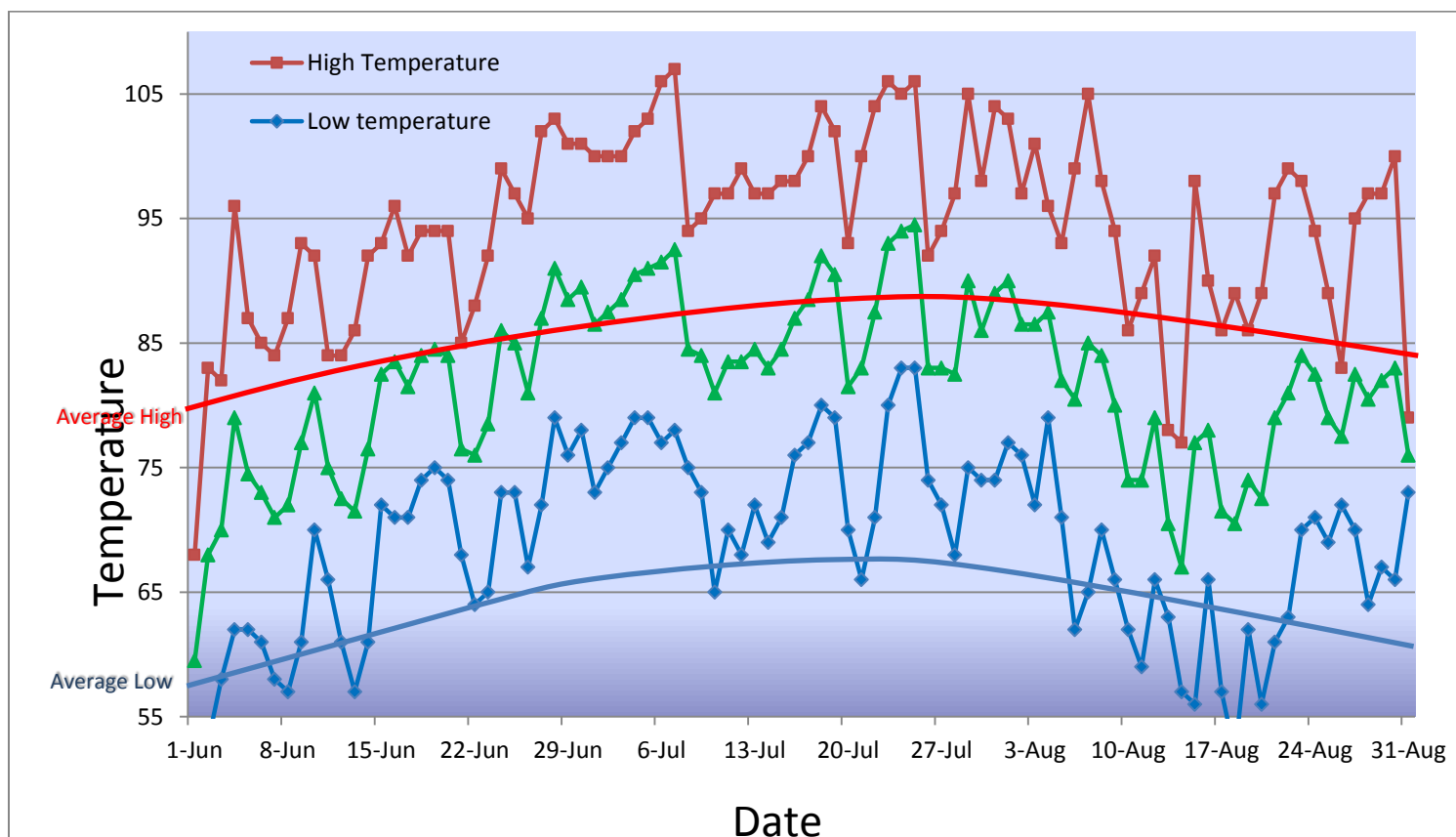
WEATHER CONDITIONS. NUMBER OF DAYS WITH

THUNDERSTORM	0	MIXED PRECIP	0
HEAVY RAIN	8	RAIN	9
LIGHT RAIN	21	FREEZING RAIN	0
LT FREEZING RAIN	0	HAIL	0
HEAVY SNOW	0	SNOW	0
LIGHT SNOW	0	SLEET	0
FOG	24	FOG W/VIS <= 1/4 MILE	5
HAZE	6		

Summer 2012 at Sedalia was characterized by well above average high temperatures, above average low temperatures, and well below normal precipitation.

The average temperature at the Sedalia Memorial airport for the summer 2012 season (June-August) was 81.7 degrees which is 3.7 degrees above the 30-year average (1981-2010 averages). The average high temperature for the season was 94.6 degrees which was 6.9 degrees above normal. The average low temperature was 68.8 degrees which was 1.7 degrees above average. The highest temperature of the season was 107 degrees recorded on 7/7. The lowest temperature of the season was 51 degrees recorded on 6/1.

The total precipitation recorded at the Sedalia Memorial airport for the summer 2012 season (June-August) was 5.79 inches. This is 7.00 inches below the 30-year average (1981-2010 averages).



...THE SEDALIA CLIMATE SUMMARY FOR THE SEASON, FROM
6/1/2012 TO 8/31/2012...

CLIMATE NORMAL PERIOD 1981 TO 2010
CLIMATE RECORD PERIOD 9999 TO 9999

WEATHER	OBSERVED VALUE	DATE(S)	NORMAL VALUE	DEPART FROM NORMAL	LAST YEAR`S VALUE	DATE(S)
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TEMPERATURE (F)

HIGHEST	107	07/07	98	9	110	08/02
LOWEST	51R	06/01	49	2	60	06/01
AVG. MAXIMUM	94.6		87.7	6.9	91.3	
AVG. MINIMUM	68.8		67.1	1.7	71.0	
MEAN	81.7		77.4	4.3	81.1	
DAYS MAX >= 90	69		29.7	39.3	51	
DAYS MAX <= 32	0		0.0	0.0	0	
DAYS MIN <= 32	0		0.0	0.0	0	
DAYS MIN <= 0	0		0.0	0.0	0	

PRECIPITATION (INCHES)

TOTALS	5.79		12.79	-7.00	8.06	
DAILY AVG.	0.06		0.14	-0.08	0.09	
DAYS >= .01	15		26.6	-11.6	24	
DAYS >= .10	8		18.1	-10.1	13	
DAYS >= .50	5		8.9	-3.9	7	
DAYS >= 1.00	1		4.0	-3.0	3	

GREATEST

24 HR. TOTAL 1.62 MM

DEGREE_DAYS

HEATING TOTAL	5		7	-2	0	
COOLING TOTAL	1564		1146	418	1509	

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WIND (MPH)

AVERAGE WIND SPEED	7.5					
HIGHEST WIND SPEED/DIRECTION	41/330		DATE	06/11		
HIGHEST GUST SPEED/DIRECTION	46/330		DATE	06/11		

SKY COVER

POSSIBLE SUNSHINE (PERCENT)	MM
AVERAGE SKY COVER	0.10
NUMBER OF DAYS FAIR	84
NUMBER OF DAYS PC	7
NUMBER OF DAYS CLOUDY	1

AVERAGE RH (PERCENT) 54

WEATHER CONDITIONS. NUMBER OF DAYS WITH

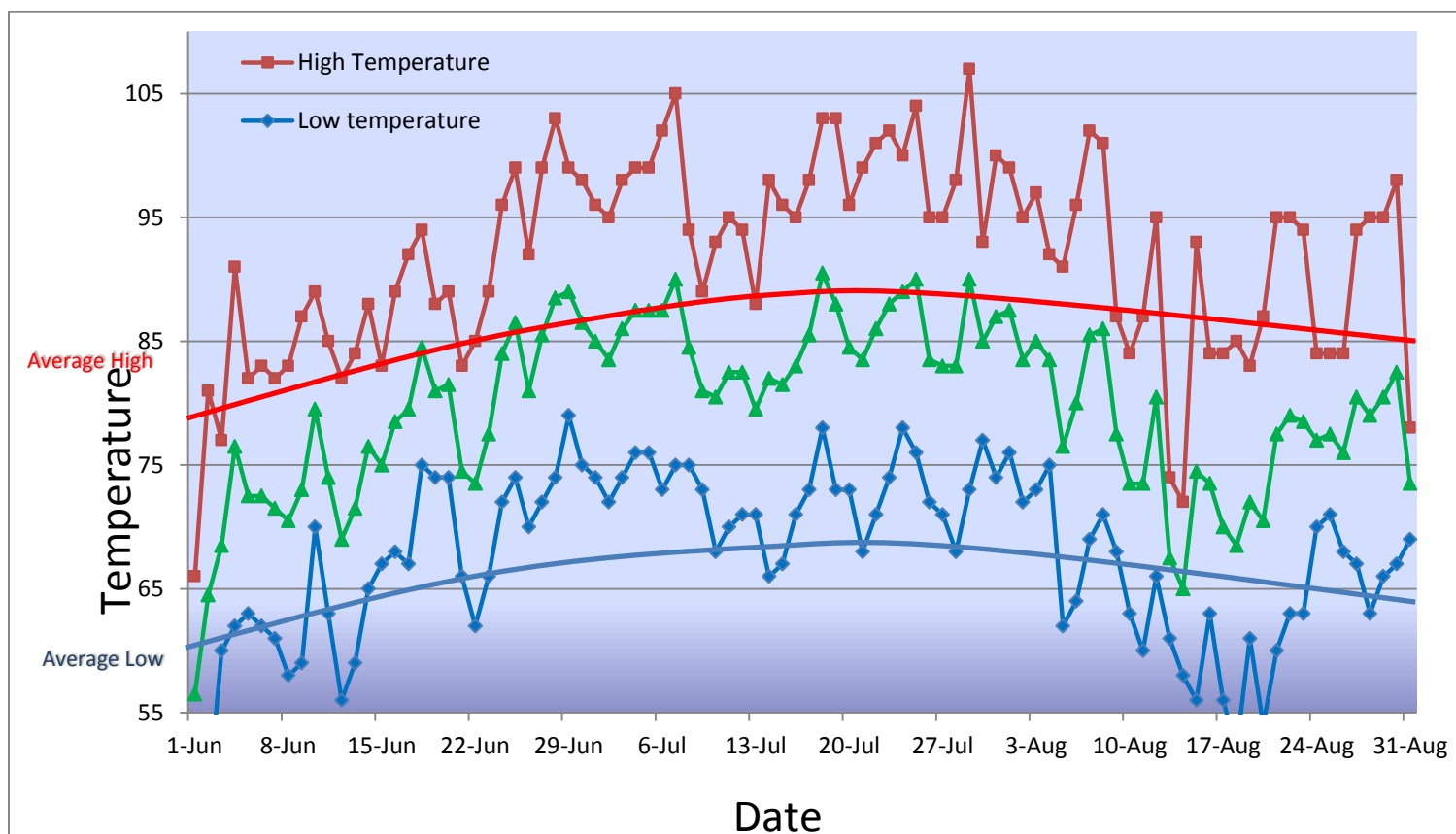
THUNDERSTORM	0	MIXED PRECIP	0
HEAVY RAIN	8	RAIN	7
LIGHT RAIN	18	FREEZING RAIN	0
LT FREEZING RAIN	0	HAIL	0

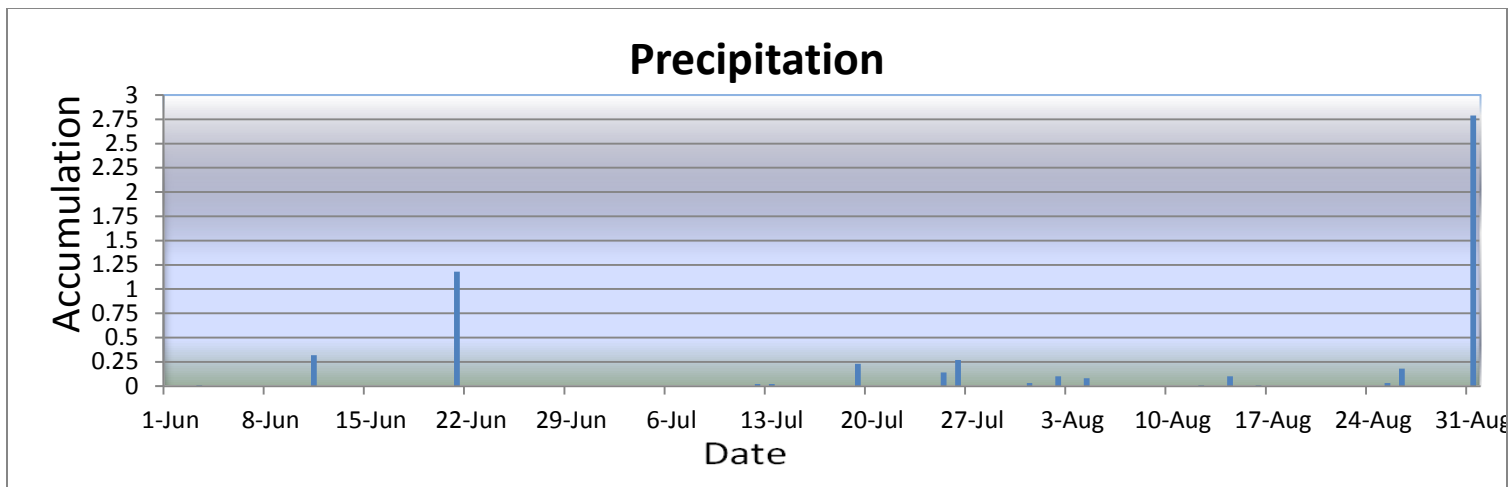
HEAVY SNOW	0	SNOW	0
LIGHT SNOW	0	SLEET	0
FOG	13	FOG W/VIS <= 1/4 MILE	1
HAZE	3		

Summer 2012 at Olathe was characterized by well above average high temperatures, near average low temperatures, and well below average precipitation.

The average temperature at the Johnson County Executive airport in Olathe for the summer 2012 season (June-August) was 79.7 degrees which is 3.3 degrees above the 30-year average (1981-2010 averages). The average high temperature for the season was 91.8 degrees which is 5.8 degrees above normal. The average low temperature was 67.6 degrees which is 0.7 degrees above normal. The highest temperature of the season was 107 degrees recorded on 7/29, and the lowest temperature was 47 degrees which set a record for the date on 6/1.

The total precipitation recorded at the Johnson County Executive airport in Olathe for the summer 2012 season (June-August) was 5.53 inches. This was 7.69 inches below the 30-year average (1981-2010 averages).





...THE JOHNSON COUNTY EXECUTIVE CLIMATE SUMMARY FOR THE SEASON, FROM 6/1/2012 TO 8/31/2012...

CLIMATE NORMAL PERIOD 1981 TO 2010
CLIMATE RECORD PERIOD 9999 TO 9999

WEATHER	OBSERVED VALUE	DATE (S)	NORMAL VALUE	DEPART FROM NORMAL	LAST YEAR`S VALUE	DATE (S)
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..... TEMPERATURE (F)

HIGHEST	107	07/29	98	9	110	08/02
LOWEST	47R	06/01	52	-5	57	06/01
AVG. MAXIMUM	91.8		86.0	5.8	90.4	
AVG. MINIMUM	67.6		66.9	0.7	70.1	
MEAN	79.7		76.4	3.3	80.2	
DAYS MAX >= 90	56		29.6	26.4	50	
DAYS MAX <= 32	0		0.0	0.0	0	
DAYS MIN <= 32	0		0.0	0.0	0	
DAYS MIN <= 0	0		0.0	0.0	0	

PRECIPITATION (INCHES)

TOTALS	5.53		13.22	-7.69	10.80
DAILY AVG.	0.06		0.14	-0.08	0.12
DAYS >= .01	18		28.2	-10.2	19
DAYS >= .10	9		19.5	-10.5	13
DAYS >= .50	2		8.4	-6.4	6
DAYS >= 1.00	2		4.6	-2.6	5

GREATEST

24 HR. TOTAL	2.79	MM
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DEGREE_DAYS

HEATING TOTAL	8		9	-1	0
COOLING TOTAL	1396		1060	336	1426

..... WIND (MPH)

AVERAGE WIND SPEED	7.4	
HIGHEST WIND SPEED/DIRECTION	35/310	DATE 08/08
HIGHEST GUST SPEED/DIRECTION	49/030	DATE 08/08

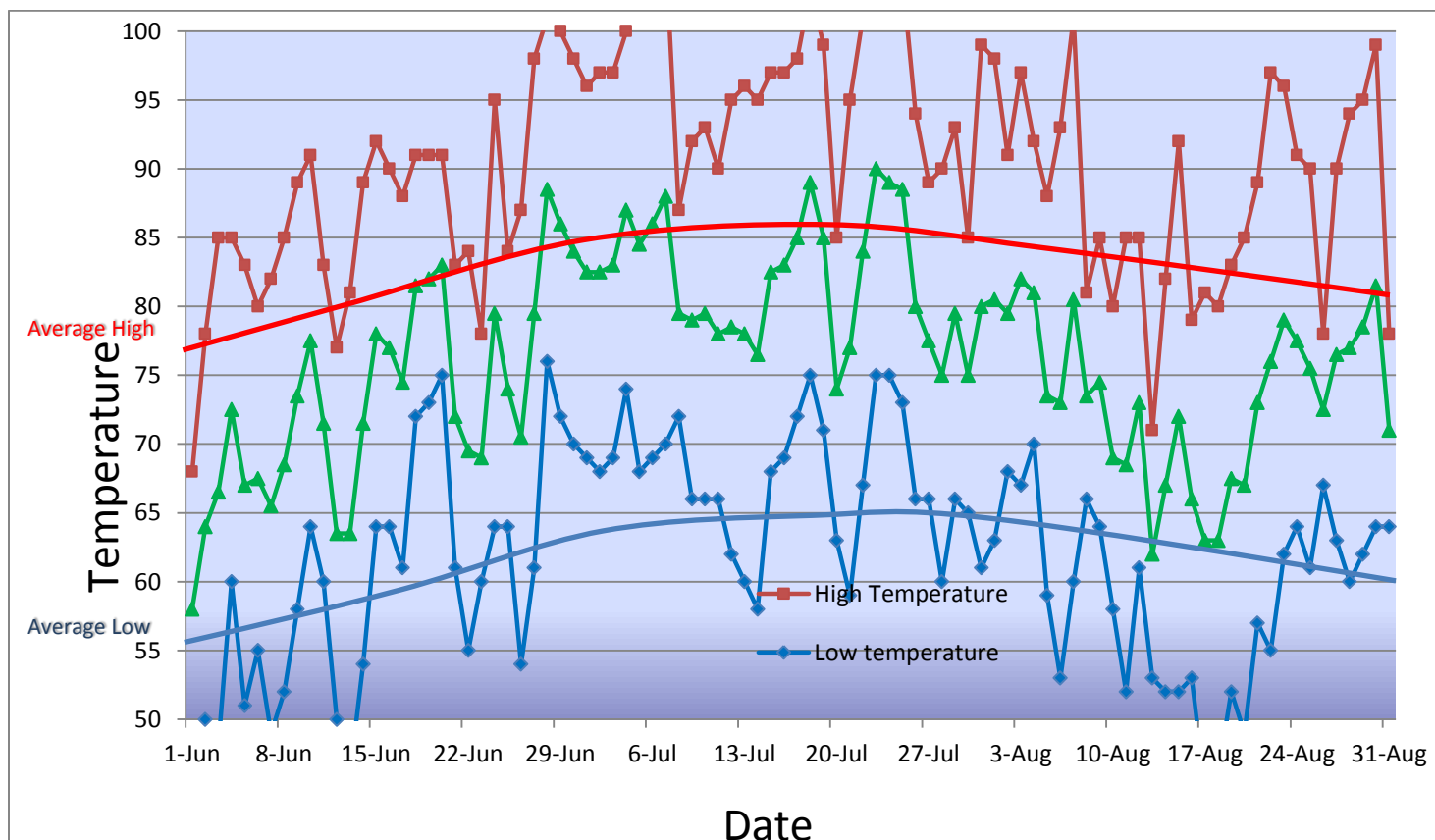
SKY COVER	
POSSIBLE SUNSHINE (PERCENT)	MM
AVERAGE SKY COVER	0.10
NUMBER OF DAYS FAIR	84
NUMBER OF DAYS PC	7
NUMBER OF DAYS CLOUDY	1

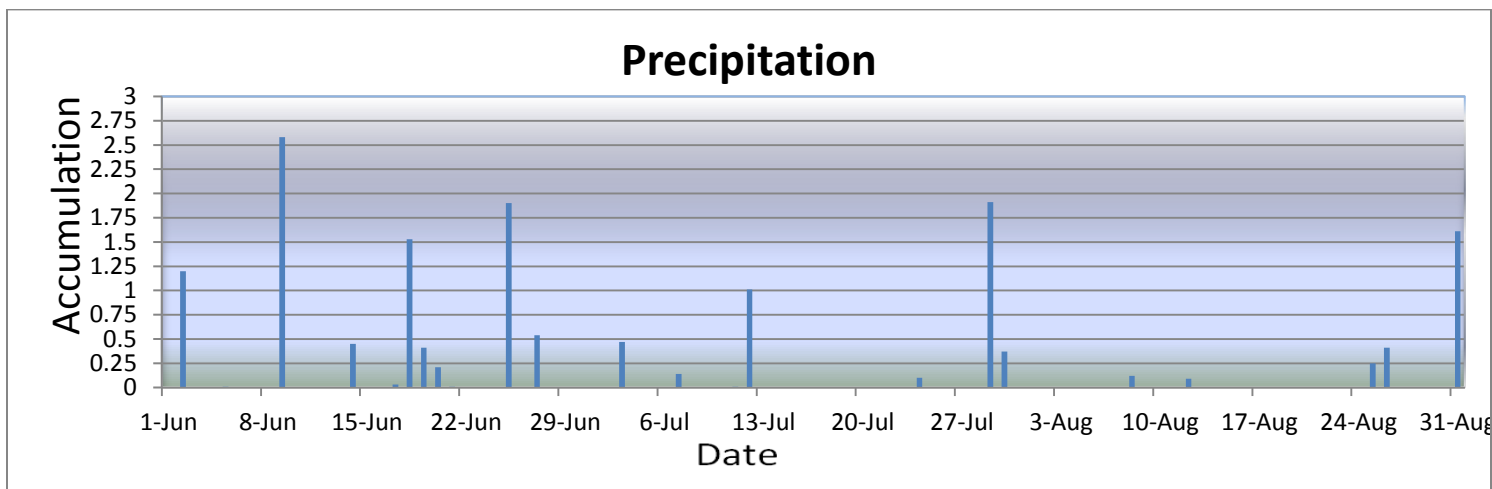
AVERAGE RH (PERCENT)	54
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WEATHER CONDITIONS. NUMBER OF DAYS WITH			
THUNDERSTORM	0	MIXED PRECIP	0
HEAVY RAIN	5	RAIN	4
LIGHT RAIN	22	FREEZING RAIN	0
LT FREEZING RAIN	0	HAIL	0
HEAVY SNOW	0	SNOW	0
LIGHT SNOW	0	SLEET	0
FOG	13	FOG W/VIS <= 1/4 MILE	1
HAZE	1		

Summer 2012 at Kirksville was characterized by well above average high temperatures, near average low temperatures, and well below normal precipitation.

The average temperature at the Kirksville Regional airport for the summer 2012 season (June-August) was 76.2 degrees which was 3.0 degrees above the 30-year average (1981-2010 averages). The average high temperature for the season was 90.4 degrees which was 6.8 degrees above normal. The average low temperature was 62.0 degrees which was 0.9 degrees below normal. The highest temperature of the season was 107 degrees recorded on 7/7. The lowest temperature of the season was 45 degrees recorded on 8/17. The total precipitation at the Kirksville Regional airport for the summer 2012 season (June-August) was 5.57 inches. This was 7.69 inches below the 30-year average (1981-2010 averages).





...THE KIRKSVILLE CLIMATE SUMMARY FOR THE SEASON, FROM
6/1/2012 TO 8/31/2012...

CLIMATE NORMAL PERIOD 1981 TO 2010
CLIMATE RECORD PERIOD 9999 TO 9999

WEATHER	OBSERVED VALUE	DATE (S)	NORMAL VALUE	DEPART FROM NORMAL	LAST YEAR`S VALUE	DATE (S)
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TEMPERATURE (F)

HIGHEST	106	07/07	95	11	98	08/02 07/27 07/23
LOWEST	45	08/17	48	-3	51	06/01
AVG. MAXIMUM	90.4		83.6	6.8	86.0	
AVG. MINIMUM	62.0		62.9	-0.9	65.3	
MEAN	76.2		73.2	3.0	75.7	
DAYS MAX >= 90	53		17.6	35.4	27	
DAYS MAX <= 32	0		0.0	0.0	0	
DAYS MIN <= 32	0		0.0	0.0	0	
DAYS MIN <= 0	0		0.0	0.0	0	

PRECIPITATION (INCHES)

TOTALS	5.57		13.26	-7.69	14.82
DAILY AVG.	0.06		0.14	-0.08	0.17
DAYS >= .01	18		33.4	-15.4	27
DAYS >= .10	11		21.4	-10.4	20
DAYS >= .50	3		10.2	-7.2	9
DAYS >= 1.00	1		3.8	-2.8	6

GREATEST

24 HR. TOTAL	1.61	MM
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DEGREE_DAYS

HEATING TOTAL	17	24	-7	6
COOLING TOTAL	1068	782	286	1010

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WIND (MPH)

AVERAGE WIND SPEED	6.7
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HIGHEST WIND SPEED/DIRECTION	29/300	DATE	07/25
HIGHEST GUST SPEED/DIRECTION	44/280	DATE	07/25

SKY COVER

POSSIBLE SUNSHINE (PERCENT)	MM
AVERAGE SKY COVER	0.20
NUMBER OF DAYS FAIR	79
NUMBER OF DAYS PC	13
NUMBER OF DAYS CLOUDY	0

AVERAGE RH (PERCENT)	62
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WEATHER CONDITIONS. NUMBER OF DAYS WITH

THUNDERSTORM	0	MIXED PRECIP	0
HEAVY RAIN	7	RAIN	7
LIGHT RAIN	19	FREEZING RAIN	0
LT FREEZING RAIN	0	HAIL	0
HEAVY SNOW	0	SNOW	0
LIGHT SNOW	0	SLEET	0
FOG	32	FOG W/VIS <= 1/4 MILE	9
HAZE	5		